

WHAT IS CLAIMED IS:

1. An image forming apparatus having:

image forming means capable of forming an image
on a transferring medium by a use of a hypochromatic
5 toner and a hyperchromatic toner of substantially the
same color, said image forming means being including
developing means for developing with said
hypochromatic toner and said hyperchromatic toner;

wherein, in an image area in which the
10 hyperchromatic toner and the hypochromatic toner are
mixedly present, in the case that recording rate of
the hyperchromatic toner is $1/16$, a minimum size of a
toner image of the hyperchromatic toner is $50\text{ }\mu\text{m}$ or
less on the transferring medium.

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2. An image forming apparatus according to
Claim 1, wherein, in the case that recording rate of
said hyperchromatic toner is $1/16$, if the toner image
of the hyperchromatic toner is of a line image type,
20 the minimum size is the same as a line width thereof.

3. An image forming apparatus according to
Claim 1, wherein, in the case that the recording rate
of said hyperchromatic toner is $1/16$, if the toner
25 image of the hyperchromatic toner is of an elliptical
or circular dot image type, the minimum size is the
same as a length of a minor axis thereof.

4. An image forming apparatus according to Claim 1, wherein the developing means is provided with a first developing device for effecting development with the hypochromatic toner, and a
5 second developing device for effecting development with the hyperchromatic toner.

5. An image forming apparatus according to Claim 1, wherein the image forming apparatus converts
10 image data of the same color into image data for the hypochromatic toner and image data for the hyperchromatic toner, and has electrostatic image forming means for forming a first electrostatic image based on the image data for the hypochromatic toner,
15 and a second electrostatic image based on the image data for the hyperchromatic toner.

6. An image forming apparatus according to Claim 1, wherein the transferring medium is plain
20 paper, and, in the case that a fixed toner image on a plain paper is represented as $L^*a^*b^*$ color system, the hypochromatic toner is a cyan toner in which the value of a^* when b^* is -20 is within a range of -19 to -30, and the value of a^* when b^* is -30 is within
25 a range of -29 to -45, and the hyperchromatic toner is a cyan toner in which a value of a^* , in the case that b^* is -20, is within a range of -7 to -18, and

the value of a^* , in the case that b^* is -30, is within a range of -10 to -28.

7. An image forming apparatus according to
- 5 Claim 1, wherein a lightness value, in the case that the recording rate of said hypochromatic toner is 100%, is greater than 60.